DGGB280C

280 kVA

ROUNDED CATALOGUE CLASS

Cummins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Cummins

QSL9G3

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE

Cummins QSL9G3

ALTERNATOR

Stamford UCDI274K1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

PRIME POWER / PRP

250 kVA 200 kW

STANDBY POWER / ESP

275 kVA 220 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The DGGB model number is a rounded class; use the exact ratings for selection.

PUBLISHED ELECTRICAL RATINGS

Voltage (V)	Connection	ESP (kVA)	ESP (kW)	PRP (kVA)	PRP (kW)
190	PS	275	220	248	198
200	PS	275	220	250	200
208	PS	275	220	250	200
220	SD	275	220	249	199
230	SD	275	220	250	200
240	SD	275	220	250	200
380	SS	275	220	249	199
400	SS	275	220	250	200
415	SS	275	220	250	200

PRP = prime power. ESP = emergency standby power. Values apply to the selected engine and alternator above. Connection codes follow the reference specification and must be confirmed before installation.

Exact build, performance and delivery scope are confirmed in the quotation.

Technical specification

DGGB280C | Cummins QSL9G3 | Open set

ENGINE

Manufacturer	Cummins
Model	QSL9G3
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	8.8L
Bore	114mm
Stroke	145mm
Compression ratio	17.8:1
Cooling	Liquid Cooled
Coolant capacity	36L
Oil capacity	34L

ALTERNATOR

Manufacturer	Stamford
Model	UCDI274K1
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS440
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
31 L/h	46 L/h	56 L/h	62 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT	FUEL TANK
2024.7 kg	730 L

Reference frame 9007GA (Export). Drawing, weights and tank capacity are subject to the ordered build.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. DGGB will confirm a suitable build and its exact specification.

Final enclosure, controls, protection, acoustics and emissions suitability must be specified for the project. This sheet is a configuration guide, not an installation drawing.
DGGB technical specification | Reviewed 2026-10-12

Exact build, performance and delivery scope are confirmed in the quotation.